ANSHITA DARA

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Education

B.Tech, Computer Science and Engineering
KIIT UNIVERSITY, Bhubaneswar, Odisha 05/2026

Languages known: English, Hindi, French

Experience

Internship, Noida, IN May 2024 - July 2024

Software Technology Parks of India, Ministry of Electronics and Information Technology (MeitY)

- Chatbot Development: Designed and implemented a conversational AI chatbot using LangChain and the Ollama model. The chatbot provided dynamic and context-aware interactions, showcasing the potential for streamlined user engagement in large-scale applications.
- Document Data Extraction: Built a robust AI-powered tool using LangChain and the Nomic BERT model to extract information and respond precisely to queries based on document content.
- DevOps Integration: Gained hands-on experience with DevOps principles and practices, including automation workflows, CI/CD pipelines, and collaboration between development and operations teams, and explored tools and methodologies to optimize development efficiency.
- Key Learnings: Strengthened understanding of AI/ML frameworks, document processing, conversational AI systems, and the practical application of DevOps in systems.

Skills

Languages Java, Python, C
DevOps Tools Terraform, Docker, Kubernetes, SpringBoot
ML and AI LangChain, Machine Learning Algorithms, NLP, Computer Vision
Database MySQL, SQL, MongoDB
Version Control GitHub, GitLab
Cloud AWS, Apache Cloudstack, Azure
Automation Jenkins, Qodana, GitHub Actions

Projects

- **Conversational AI ChatBot**
  - Developed a conversational AI chatbot leveraging LangChain and the O'LLama model to provide intelligent and context-aware responses.
  - Implemented dynamic conversation flows to handle complex user queries and interactions efficiently.
- **PDF Query Application**
  - An AI-powered PDF Search & Interaction, a robust tool designed using LangChain and the Nomic BERT model to extract key insights and answers from input documents by leveraging embeddings for intuitive exploration.
  - Incorporated Natural Language Processing (NLP) techniques to enable seamless query resolution from document data.
  - Optimized data processing pipelines to improve speed and accuracy for large-scale document analysis.

Key Courses

- Operating System
- Design and Analysis of Algorithm
- Probability and Statistics
- Data Mining and Data Warehousing
- Discrete Mathematics
- Data Structures and Algorithms
- Software Engineering
- Automata Finite Languages